

IN THE CLAIMS

Please amend the claims as follows:

Sub E1
33. A method of increasing localized bloodflow in tissues to increase growth rate and repair of cells by delivering a substance selected from the group consisting of L-arginine hydrochloride, L-arginine glutamate, L-arginine butyrate, L-arginine glycolate, L-arginine ethyl, L-arginine methyl, L-arginine propyl, L-arginine butyl, L-arginine isobutyl, L-arginine t-butyl, L-arginine ethyl ester, L-arginine propyl ester, L-arginine isopropyl ester, L-arginine butyl ester, L-arginine isobutyl ester, L-arginine t-butyl ester, and mixtures thereof, to skin comprising the step of topically applying to the skin a delivery vehicle for the substance, said delivery vehicle containing an effective amount of the substance, and a concentration of an ionic salt sufficient to create a hostile biophysical environment wherein the ionic salt is selected from the group consisting of sodium chloride, choline chloride, potassium chloride, lithium chloride and magnesium chloride and mixtures thereof which causes the substance to migrate from the delivery vehicle to the skin where the substance is absorbed by tissue.

D1
34. The method of claim 33 wherein the delivery vehicle selected from the group consisting of topical creams, topical liquids, topical lotions and topical ointments containing the substance and the ionic salt wherein the ionic salt is a mixture consisting of sodium chloride (0.25% to 25%), choline chloride (0.25% to 25%), and magnesium chloride (0.25% to 25%) is applied to the skin.

D¹ 35. The method of claim 33 wherein a hydrophobic delivery vehicle containing the substance and the ionic salt, wherein the ionic salt is a mixture consisting of sodium chloride (0.25% to 25%), choline chloride (0.25% to 25%), and magnesium chloride (0.25% to 25%) by weight of the hydrophobic delivery vehicle is applied to the skin.

D² 38. The method of claim 33 wherein a transdermal patch containing the delivery vehicle and a penetrating agent is applied to the skin.

sub 42
42. A method of treating impotence in a male comprising delivering a substance selected from the group consisting of L-arginine hydrochloride, L-arginine glutamate, L-arginine butyrate, L-arginine glycolate, L-arginine ethyl, L-arginine methyl, L-arginine propyl, L-arginine butyl, L-arginine isobutyl, and L-arginine t-butyl, L-arginine ethyl ester, L-arginine propyl ester, L-arginine isopropyl ester, L-arginine butyl ester, L-arginine isobutyl ester, L-arginine t-butyl ester, and mixtures thereof to the penis by topically applying to the penis a delivery vehicle for the substance, said delivery vehicle containing an effective amount of the substance, and a concentration of ionic salt selected from the group consisting of sodium chloride, choline chloride potassium chloride, lithium chloride and magnesium chloride and mixtures thereof sufficient to create a hostile biophysical environment which causes the substance to migrate from the vehicle to the penis where the substance is absorbed by tissue.

D³ 43. The method of claim 42 wherein the delivery vehicle selected from a member of the group consisting of topical creams, topical liquids, topical lotions and topical ointments containing the substance wherein the substance is L-arginine hydrochloride .25% to

25% by weight and the ionic salt is choline chloride at 10% by weight, sodium chloride at 10% by weight and magnesium chloride at 5% by weight.

D³ 44. The method of claim 42 wherein a hydrophobic delivery vehicle containing the substance wherein the substance is L-arginine hydrochloride at 12.5% by weight and the ionic salt is choline chloride at 10% by weight, sodium chloride at 10% by weight and magnesium chloride at 5% by weight is applied to the penis.

50. The method according to claim 47 wherein the delivery vehicle is contained in a condom which is placed on the penis.

Sub E3
D⁴ 51. A method of promoting hair growth comprising delivering a substance selected from a member of the group consisting of L-arginine hydrochloride, L-arginine glutamate, L-arginine butyrate, L-arginine glycolate, L-arginine ethyl, L-arginine methyl, L-arginine propyl, L-arginine butyl, L-arginine isobutyl, and L-arginine t-butyl, L-arginine ethyl ester, L-arginine propyl ester, L-arginine isopropyl ester, L-arginine butyl ester, L-arginine isobutyl ester, L-arginine t-butyl ester, and mixtures thereof, wherein a selected area of the skin where hair growth is desired by topically applying to the selected area of skin where hair growth is desired a delivery vehicle for the substance, said delivery vehicle containing an effective amount of the substance, and a concentration of ionic salt selected from the group consisting of sodium chloride, choline chloride, potassium chloride, lithium chloride and magnesium chloride and mixtures thereof sufficient to

create a hostile biophysical environment which causes the substance to migrate from the vehicle to the selected area of skin where the substance is absorbed by tissue.

D⁴ 52. The method of claim 51 wherein the delivery vehicle is selected from the group consisting of topical creams, topical liquids, topical lotions and topical ointments and is applied to the selected area of skin where hair growth is desired wherein the ionic salt is a mixture consisting of sodium chloride (0.25% to 25%), choline chloride (0.25% to 25%), and magnesium chloride (0.25% to 25%) and mixtures thereof.

53. The method of claim 51 wherein a hydrophobic delivery vehicle containing the substance, a penetrating agent, and the ionic salt is applied to the selected area of skin where hair growth is desired.

D⁵ 59. The method of claim 51 wherein a transdermal patch containing the delivery vehicle, wherein the substance in the delivery vehicle is selected from a group consisting of L-arginine glutamate (0.25% to 25%), L-arginine hydrochloride (0.25% to 25%) and mixtures thereof is applied to the skin where hair growth is desired.

sub 64
D⁶ 61. A method of delivering a substance selected from the group consisting of L-arginine hydrochloride, L-arginine glutamate, L-arginine butyrate, L-arginine glycolate, L-arginine ethyl, L-arginine methyl, L-arginine propyl, L-arginine butyl, L-arginine isobutyl, and L-arginine t-butyl, L-arginine ethyl ester, L-arginine propyl ester, L-arginine isopropyl ester, L-arginine butyl ester, L-arginine isobutyl ester, L-arginine t-butyl ester, and mixtures thereof, to skin comprising the step of topically applying to the skin a delivery

vehicle for the substance, said delivery vehicle containing an effective amount of the substance within a packaging selected from the group consisting of a liposome, emulsion of collagen, or collagen peptides said packaging being at a concentration sufficient to create an hostile biophysical environment which causes the liposome to migrate from the delivery vehicle to the skin where the substance is released from the packaging and absorbed by tissue.

D⁶ 62. The method of claim 61 wherein the delivery vehicle for the substance is applied to the penis so that the packaging migrate from the delivery vehicle to the penis where the substance is released from the packaging and absorbed by tissue.

63. The method of claim 61 wherein the delivery vehicle for the substance is applied to the selected area of skin where hair growth is desired so that the packaging migrate from the delivery vehicle to the skin where the substance is released from the packaging and absorbed by tissue.

REMARKS

I. Claim Status

Claims 33-35, 38-44, 47-53, and 56-59 and 61-63 are pending.

Claims 39-41, 47-49, and 56-58 are allowed.

Claims 33-35, 38, 42-44, 50-53, 59 and 61-63 currently stand rejected.